Defense Technical Information Center
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ADP013326

TITLE: Visualisation of Heterogeneous Military Data in Geographical Information Systems

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TITLE: Multimedia Visualization of Massive Military Datasets [Atelier OTAN sur la visualisation multimedia d'ensembles massifs de donnees militaires]

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The following component part numbers comprise the compilation report:
ADP013309 thru ADP013341

Visualisation of Heterogeneous Military Data in Geographical Information Systems

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Discussion – Paper 16

Visualisation of Heterogeneous Military Data in GIS

- Annette Kaster (Germany)
- Problems
  - Heterogeneous information environment
  - Variety of task requirements must be supported
  - Different user needs
  - Need to provide military situation display
  - New approaches for visualization tool development -Use of component ware
  - Model View Controller concepts for building next generation visualization systems
  - Window management needs to be studied
  - Consistent user interface principles need to be applied
- VDI 5005 model framework
  - For evaluation of visualization solutions
  - User model, application model
  - Competence support, flexibility

- xIRIS
  - Multi window, multi layer technique
  - Image view
  - Open system architecture
  - Visualization to geo-reference data
  - Dynamic situation display